

Tree Care

Staking: Staking is not always necessary when planting a young tree. When considering to stake a tree keep these things in mind:

- Always remove the nursery stake that is supplied with the tree.
- Staking is appropriate in a very windy area or if the tree is being planted on a steep slope.
- Stakes should be used for weeks, not months, and should never be left up more than a year.
- Stakes should be tied where the trunk first starts to bend, usually 1/2 to 2/3 the way up.
- Not staking a tree will allow the tree to grow with thicker and stronger bark and stem.

Pruning:

- Know the best time of year to prune your tree. Poorly timed pruning usually means the tree will not heal properly.
- Prune only dead and broken branches at time of planting.
- Remove dead branches at any time of the year.
- Light pruning can be done mid-summer when trees are in full leaf.
- Never remove more than 1/3 of the wood of a tree in one growing season.
- Pruning when trees are dormant stimulates a vigorous burst of growth in the spring.



Watering: Finding the correct schedule for watering can be tricky and requires good observation. When trying to find the best watering schedule for a tree consider the following:

- Newly planted trees need more frequent watering than established trees.
- Trees respond best to long deep watering to wet the entire root zone. Infrequent, long soaks are best.
- There should be enough time between watering to allow the soil to dry out so that the tree's roots



Contact Information

Department of Planning

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For Additional Care Information

Las Vegas Springs Preserve

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Southern Nevada Arborist Group

PMB 109
2375 E. Tropicana Ave.
Las Vegas, NV 89119
www.lvsnag.org

About the Grant

Funding for this project was provided by the American Recovery and Reinvestment Act of 2009. USDA is working to implement provisions of the American Recovery and Reinvestment Act of 2009 (Recovery Act) to put Americans back to work and rejuvenate the nation's economy. The recovery act provided USDA with nearly \$28 billion in funding, of that, \$1.15 billion has been allocated to the Forest Service for project work in forest restoration, hazardous fuels reduction, construction and maintenance of facilities, trails, and roads, green energy projects and grants to states, tribes and private landowners.



City of Las Vegas

Historic Berkley Square

TREE PLANTING Project



Enhanced



Existing

AN EVENT TO PROVIDE 185 NEIGHBORHOOD STREET TREES

The trees for this project have been awarded by the Nevada Division of Forestry in cooperation with the U.S. Forest Service. The funding for this project is 2009 ARRA Clark County Urban Forestry Revitalization funding (WFM-0460-31HFE) for Urban Forestry Revitalization in Clark County through the USDA Forest Service.

Purpose of the Project

- Create a memorable, walkable shaded streetscape within an existing neighborhood.
- Act as a catalyst for the community.
- Promote property investment.
- Provide a positive effect on property values.
- Preserve the integrity of the Historic Berkley Square Neighborhood.

Overview:

- 185 trees to be planted through a community volunteer event.
- All trees drought-tolerant.
- Most water-intense tree chosen requires maximum of three waterings/month in summer.
- Residents to maintain trees.
- Identical to planting and maintenance programs instituted across the west.
- At maturity, tree canopy will be increased from 13.6 to 21.5 percent.
- Trees will reach maturity in approx. 20 years.
- Will meet the goal of the Urban Forestry Resolution (R-26-08) of doubling the average tree canopy to 20 percent by 2035.

Benefits From Trees

Planting street trees in a neighborhood can have several different benefits for a community. These benefits include:

- The placement of street trees can reduce surrounding temperatures by as much as five degrees.
- Trees reduce energy costs to cool a home by up to 40 percent and provide natural cooling and shading.
- Trees add value to homes; a recent study shows that street trees add as much as \$7,000 to home value.
- Tree roots help clean rain water and add stability to the soil.
- Trees provide a natural habitat for wildlife.
- Street trees frame roadways creating a defined edge, helping motorists guide their movement and assess speed, leading to overall speed reductions.
- Trees add beauty and grace to the community.

TREE PLANTING

Shoestring Acacia:

Acacia stenophylla

Height: 40'
Spread: 30'
Growth rate: Moderate
Water use: Moderate
Evergreen



Selected to delineate D Street, Shoestring Acacia is a tall, vertical tree producing small creamy flowers in the spring followed by eight-inch pod clusters. Having great heat tolerance, minimal watering is required, twice a month in summer and monthly during the remaining portions of the year. Pruning should be performed in early spring.

Chaste Tree:

Vitex agnus-castus

Height: 25'
Spread: 25'
Growth rate: Slow
Water use: Moderate
Deciduous



Recognized by its long narrow spikes of purple flowers that bloom in the summer, the Chaste Tree grows in full sun to partial shade and is drought tolerant, requiring water two to three times per month in the summer and monthly deep irrigation throughout the remainder of the year. Selected to define north-south streets within Berkley Square, the Chaste Tree should be pruned in early spring.

Sweet Acacia:

Acacia farnesiana

Height: 25'
Spread: 25'
Growth rate: Moderate
Water use: Low
Evergreen



Sweet Acacia is a small multi-trunked tree producing fragrant yellow blossoms in the spring. It has been selected to define east-west streets within Berkley Square and grows best with irrigation two to three times a month in the summer, and monthly irrigation throughout the fall and spring.

Cat Claw Acacia:

Acacia greggii

Height: 15'
Spread: 20'
Growth rate: Moderate
Water use: Low
Deciduous



The Cat Claw Acacia forms an irregular, multi-trunked tree. Spring flowering with light yellow to cream colored flowers, later producing flat pods. Native to the Las Vegas Valley, this tree thrives in poor, dry soils and will grow quickly in response to watering. It should have monthly irrigation in the summer, and requires minimal supplemental watering throughout the remainder of the year.

Berkley Square Tree Planting Plan

